

## BIBLIOGRAPHY

C. FITZHUGH TALMAN, Meteorologist in Charge of Library

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

## RECENT ADDITIONS

## Chu, Coching.

Climate of Nanking during the period 1905-1921. 16 p. charts. 26½ cm. (Repr.: Annual report meteorological station, National southeastern univ., Nanking, China.)

## Crandall, Charles S.

Blooming periods of apples. Urbana. 1924. p. 113-145. 23 cm. (Univ. Illinois, agric. exp. sta., Bulletin no. 251.)

## Knoch, K.

G. Hellmann als Forscher. Zu seinem siebzigsten Geburtstag. p. 537-543. 27½ cm. (Extr.: Die Naturwissenschaften. 12. Jahrg., H. 27.)

## Perret, Frank A.

Vesuvius eruption of 1906. Study of a volcanic cycle. Washington. 1924. 151 p. illus. plates. front. 30½ cm. [Carnegie institution of Washington. Publication 339.]

## Pickering, William H.

Lunar atmosphere. 4 p. 26 cm. (Extr.: Pop. astron., v. 32, no. 5, May, 1924.)

## Simpson, George C.

British antarctic expedition 1910-1913. Meteorology. v. 3. Tables. London. 1923. xi, 835 p. 31½ cm.

Water in the atmosphere. 16 p. 21½ cm. (Royal inst. Great Britain. Weekly evening meeting. March 2, 1923.)

## Szymkiewicz, Dezydery.

Études climatologiques. Warszawa. 1923. no. 4. 22 p. 24½ cm. (Acta soc. bot. Poloniae. v. 2, nr. 2, 1924.)

## Wayman, John H.

Earth's weather; or, Meteorology. Pittsburgh. c1924. 152 p. illus. charts. 23½ cm.

## RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY

The following titles have been selected from the contents of the periodicals and serials recently received in the library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

*Akademie der Wissenschaften. Sitzungsberichte. Wien. Abt. IIa. Bd. 132, H. 3 & 4. 1923.*

Defant, Albert. Theoretische Überlegungen und experimentelle Untersuchungen zum Aufbau hoher Zyklen und Antizyklonen. p. 81-103.

*Annalen der Hydrographie und maritimen Meteorologie. Berlin. 52. Jahrgang. Mai 1924.*

Benkendorff, Rudolf. Der Nachrichtendienst im Rahmen des Wetterdienstes der Deutschen Seewarte. p. 97-102.

Benkendorff, Rudolf. Organization und Arbeiten des Wetterdienstes der Deutschen Seewarte für Schifffahrt und Fischerei. p. 102-107.

Danmeyer, F. Über relative Sichtmessung durch Stufen- und Keilfilter. p. 108-113.

Exner, Felix M. Traveling cyclones von V. H. Ryd. p. 113-115.

*Annales de géographie. Paris. 33 année. 15 juillet 1924.*

Eredia, Filippo. Le climat de la Tripolitaine. p. 392-395.

Maurain, Ch. Alfred Angot (1848-1924). p. 396-397. [Obituary.]

*Astronomie. Paris. 38 année. Juin 1924.*

Flammarion, Camille. Le minimum actuel des taches solaires, la pluviosité et les intempéries. p. 242-248.

*Beiträge zur Physik der freien Atmosphäre. München. Bd. 11. H. 3. 26. März 1924.*

Exner, Felix M. Über die Temperaturverteilung in vertikalen Zirkulationen. p. 101-112.

Moltschanoff, P. Über einige Besonderheiten atmosphärischer Prozesse, die mit turbulentem Zustand der Luft verknüpft sind. p. 96-100.

Peppler, W. Die thermische Schichtung der Atmosphäre. p. 79-95.

*California citrograph. Los Angeles. v. 9. 1924.*

Young, Floyd D. Protecting citrus orchards against freezing damage. p. 96; 98. (Jan.)

Smith, Willard. Wind damage and its prevention. p. 124. (Feb.)

Young, Floyd D. Frost protection by artificial mixing of air. p. 125; 132; 136; 138. (Feb.)

Jones E. H. Irrigation as frost protection in citrus grove. p. 260. (May.)

*Discovery. London. v. 5. September, 1924.*

Riley, T. Shooting the wind. p. 222-223. [Richardson's method of observing wind by shooting spheres upward.]

*Electrical world. N. Y. v. 84. Sept. 20, 1924.*

Creighton, E. E. F. Lightning protection from Franklin through Faraday to the aluminum electrolytic arrester—Difficulty of the problem and illusive nature of many discoveries that were apparently successful. p. 622-623.

*Engineering news-record. N. Y. v. 93. 1924.*

*Ohio tornado* destroys Lorain business district. Theater wrecked by falling débris—about 1,000 dwellings and stores destroyed and 65 lives lost. p. 51-56. (July 10.)

Further notes on tornado damage at Lorain, Ohio. Little of structural value adduced—no definite conclusions possible as to resistance of various building materials. p. 190-191. (July 31.)

Brown, R. T. Minimizing danger of dynamite blasts being ignited by lightning. p. 271-272. (Aug. 14.)

Combating ice in European hydro-electric plant. Methods employed in Norway and Sweden—chief sources of trouble—ice pressure—effects of regulation. p. 265-266. (Aug. 14.)

*Forecast. Philadelphia. v. 28. September, 1924.*

Theiss, Lewis Edwin. A modern oracle—the weather man. p. 163-165; 185; 194.

*France. Académie des sciences. Comptes rendus. Paris. l. 178. 10 juin 1924.*

Nodon, Albert. Observations sur la propagation des ondes explosives lors des expériences de La Courtine. p. 1993-1995.

*Geographical journal. London. v. 84. July 1924.*

Brunt, David. Climatic continentality and oceanity. p. 43-56.

*Hemel en dampkring. Den Haag. 22 Jaarg. 1924.*

Pinkhof, M. Overzicht van de halo-waarnemingen te Amsterdam in 1923. p. 253-259. (Augustus.)

Monné, A. J. Neerslag te Nijkerk 1889-1923. p. 275-281. (September.)

Pinkhof, M. Het meteorologische station in den Amsterdamschen Hortus. p. 265-275. (September.)

*Italy. Commissariato dell' aeronautica. Rendiconti tecnici. Anon 12. 16 maggio 1924.*

Matteuzzi, Luigi. Teoria matematica delle oscillazioni barometriche e previsione scientifica del tempo. p. 8-18.

*Japanese journal of astronomy and geophysics. Transactions and abstracts. Tokyo. v. 1. no. 7. 1924.*

Kobayasi, Tatuo. On the mechanism of cyclones and anti-cyclones. p. 219-236.

*Journal of scientific instruments. London. v. 1. August, 1924.*

Laby, T. H. A standard barometer of new design. p. 342-345.

*Meteorologia pratica. Montecassino. Anno 5. Maggio-giugno 1924.*

Crestani, G. Le trombe nel Friuli. p. 90-93.

Cuomo, Vincenzo. Meteorologia e salute umana; Importanza degli studi di fisio-patologia meteorica e loro applicazioni medico igieniche. p. 84-89.

Oddone, Emilio. Teoria della oscillazione semidiurna di pressione. p. 77-83.

Valbusa, U. Chiusura ermetica per asta mobili di anemografi. p. 94-97.